

Wichita Free Street Fair and Carnival

Biggest Aggregation of Oriental Attractions Ever Brought into this State Will Be Exhibited at the

Great Street Fair During the Week of Oct. 16, 17, 18, 19, 20 and 21, Inclusive.

Baldwin and Carrow, the world-renowned Aeronauts, will make day and night balloon ascensions with a number of animals and features never before seen in this section of country. Irebo, the European Sensational High-Wire Bicyclist, will give daily exhibitions of a thrilling trapeze performance from a cable suspended in the air. At night he will perform on his bicycle, giving exhibitions of the U. S. Gunboat Olympia in action and Niagara Falls. Both of these exhibitions will be accompanied by a brilliant display of pyrotechnics. The streets will be full of Marching Bands of Music during the week. A big Civic Parade will be given Wednesday, October 18. The beautiful and artistic Flower Parade, with Fairy Floats, will be given Friday, October 20. High Carnival will prevail Friday night, accompanied with bands of music, fireworks and a general good time.

...WICHITA PAYS THE BILLS...

Low rates on all railroads. Contests by Bands from many of the principal cities in the state. It will be the biggest, best and greatest event ever given in the Southwest. Privileges, such as Lunch, Peanuts, Lemonade, Popcorn, Candy, etc., are now ready to be contracted for. Call on the secretary at his rooms in the Commercial Club.

CHAS. G. COHN, President.

H. C. LOCKWOOD, Secretary.

Wichita Colleges

Universities and Academies.

FRIENDS' UNIVERSITY NOTES

Te chorus is preparing to do excellent work this year.

The girls are becoming excited over the prospects of basket ball.

The heating apparatus was placed in Russell hall yesterday.

Athletics occupies a great deal of attention at this time.

Professor Binford is expecting to return before the close of the school year.

The Brighonians gave an unusually good program last Friday evening.

The Young Women's Christian Association is preparing for a lecture course in which prominent women of the state will take part.

The students are greatly rejoiced over the arrival of Miss Dillard. Miss Ora, who accompanied her sister to Wichita, left for her home in Sterling Friday.

The ninth annual commencement of the Western School of Education and Oratory was held in Russell hall Wednesday evening. To Dr. Hoss belongs the credit of the excellent program presented before a crowded house.

The university boarding house for girls which, previous to this time, has gone by the name of South hall, was christened last week by the young women making their homes there. It was named in honor of the preceptor, Mrs. Alice Weybright Jay and will be known hereafter as "Weybright hall."

Mr. Oliver Rich received a summons from his home in Whitewater, Kan. The students miss Mr. Rich and will be glad of his return to school.

A historical and literary seminar has been organized within the university under the direction of Prof. Fellows, head of the department of history, and Miss Laura Kirby, instructor in English. The officers are: President, Arthur Jones; secretary, Besse Means; executive committee, Prof. Fellows, Miss Kirby, Henry Parker and Roy Scudder.

Prof. Fellows has recently added about \$50 worth of geological and ethnological specimens to the cabinet. Among the relics are the private revolvers of John Morgan, the rider, a cavalry saber formerly belonging to a Quantrell raider, and a short sword used by one of the free statesmen in the John Brown trouble.

The library has been involved and rearranged and several volumes added, among them being a set of "Masterpieces of the World Literature," in twenty volumes, by Horace Thurston Peck, Frank H. Stockton and Julian Hawthorne, with introduction by John Russell Young, congressional librarian. These books, approximately 70 publications and are unequalled in their line. They contain over 500 full-page illustrations including reproductions of famous paintings and photographs of ancient and modern writers. A recent donation was made by Friends in Philadelphia, also one by ex-Governor Leavelle.

FAIRMOUNT COLLEGE NOTES.

The first social event of the year was a reception given to new students last Wednesday evening by the Y. M. C. A. and Y. W. C. A. The program was entirely social. The students were divided into groups called families. While certain groups "remained at home" the others "went visiting" and by this novel method became acquainted. Frappe was served and everybody voted the reception a jolly success.

Professor Cooley is arousing great interest among his Greek classes. He has had unusual opportunity in fitting himself for this specialty. He is not only a thorough student of ancient Greek, but having spent two years in the land of Homer and Socrates, he speaks the modern Greek with ease and fluency. His excellent scholarship at Harvard won for him the Rogers fellowship, the most valuable prize. It affords to the holder an annual income of \$30, which that institution confers on its brainy men.

Two more freshmen enrolled this week and the class now numbers thirty-two members. They were Clyde Axtree of Utah, and Wilford Pearce of Wichita. Other enrollments for the week were as follows: Oscar Hoops, Idaho; Roy Brock, Arkansas; Wade Arnold, Wichita; Ross Astle, Haver; Edith Jacques, Greenfield; Minna Baker, Wichita.

The members of the class of '99 are widely scattered. Friday W. E. Fleming was at the college holding good-bye. He starts next Monday for Omaha, where he will pursue a medical course in the John Creighton Medical college. The location of the other members is reported as follows: Sra Hall is now Mrs. W. R. McDonald and lives on a well improved farm north of Wichita; P. B. Deely is principal of the ward schools at Hawa-

hai; E. W. Kramer is in Chicago in the general office of the C. B. & Q. railroad; Mattie Roulet is also in the railway service and is located at Coffeyville; Miss Alice Miller is spending the winter in El Dorado and her sister Ella is pursuing post-graduate work in Bates College, Maine, while G. W. Jackson is sitting himself for the legal profession.

Mr. and Mrs. J. Landenslager of Maize have purchased the property located on the west side of Fairmount avenue and south of Thirteenth street. They will move into their new home the first of the month. They have two daughters in Fairmount.

Professor Marshall's chorus classes began regular work last Wednesday.

Professor Roulet led chapel exercises last week.

The Webster society, which furnishes candidates for our intercollegiate debating contests, held its first meeting last evening.

The college library, which has had such a remarkable growth, still continues to grow in the same old way. During the summer 3,000 volumes and 3,000 magazines were secured either through gift or purchase.

To properly catalogue this large addition J. H. Morrison is now assisted by Harry Kinsey and Blanche Houston. Gifts in the form of books were received during the week from Mr. Fred Hammer and Mrs. Steele.

Professor Clark delivered an interesting address on foot ball. Myron Boyle has been elected captain of the college team.

The editors of the Sunflower are preparing the first edition. Miss Lilly Zellinger, as editor in chief, is assisted by Frank McClung, Jetta Laycock, C. C. Isely, Robert Lewis and Almida Cook.

Eugene Wallace has been elected business manager. He will be assisted by Edwin Burton and Wilford Pearce.

During the general exercises Saturday morning Miss Millon presented the constitution of a new organization to be known as the Fairmount Debating Union. This constitution as adopted provides for the officers and machinery necessary to select Fairmount's representatives in joint debates with Winfield and other colleges. Its purpose is not to establish a new society but to provide a method for selecting proper debaters from Webster, Sorosis and the Philomathean literary societies.

The editors of the Sunflower are preparing the first edition. Miss Lilly Zellinger, as editor in chief, is assisted by Frank McClung, Jetta Laycock, C. C. Isely, Robert Lewis and Almida Cook.

Eugene Wallace has been elected business manager. He will be assisted by Edwin Burton and Wilford Pearce.

During the general exercises Saturday morning Miss Millon presented the constitution of a new organization to be known as the Fairmount Debating Union. This constitution as adopted provides for the officers and machinery necessary to select Fairmount's representatives in joint debates with Winfield and other colleges. Its purpose is not to establish a new society but to provide a method for selecting proper debaters from Webster, Sorosis and the Philomathean literary societies.

The editors of the Sunflower are preparing the first edition. Miss Lilly Zellinger, as editor in chief, is assisted by Frank McClung, Jetta Laycock, C. C. Isely, Robert Lewis and Almida Cook.

Eugene Wallace has been elected business manager. He will be assisted by Edwin Burton and Wilford Pearce.

During the general exercises Saturday morning Miss Millon presented the constitution of a new organization to be known as the Fairmount Debating Union. This constitution as adopted provides for the officers and machinery necessary to select Fairmount's representatives in joint debates with Winfield and other colleges. Its purpose is not to establish a new society but to provide a method for selecting proper debaters from Webster, Sorosis and the Philomathean literary societies.

The editors of the Sunflower are preparing the first edition. Miss Lilly Zellinger, as editor in chief, is assisted by Frank McClung, Jetta Laycock, C. C. Isely, Robert Lewis and Almida Cook.

Eugene Wallace has been elected business manager. He will be assisted by Edwin Burton and Wilford Pearce.

During the general exercises Saturday morning Miss Millon presented the constitution of a new organization to be known as the Fairmount Debating Union. This constitution as adopted provides for the officers and machinery necessary to select Fairmount's representatives in joint debates with Winfield and other colleges. Its purpose is not to establish a new society but to provide a method for selecting proper debaters from Webster, Sorosis and the Philomathean literary societies.

The editors of the Sunflower are preparing the first edition. Miss Lilly Zellinger, as editor in chief, is assisted by Frank McClung, Jetta Laycock, C. C. Isely, Robert Lewis and Almida Cook.

Eugene Wallace has been elected business manager. He will be assisted by Edwin Burton and Wilford Pearce.

During the general exercises Saturday morning Miss Millon presented the constitution of a new organization to be known as the Fairmount Debating Union. This constitution as adopted provides for the officers and machinery necessary to select Fairmount's representatives in joint debates with Winfield and other colleges. Its purpose is not to establish a new society but to provide a method for selecting proper debaters from Webster, Sorosis and the Philomathean literary societies.

The editors of the Sunflower are preparing the first edition. Miss Lilly Zellinger, as editor in chief, is assisted by Frank McClung, Jetta Laycock, C. C. Isely, Robert Lewis and Almida Cook.

Eugene Wallace has been elected business manager. He will be assisted by Edwin Burton and Wilford Pearce.

During the general exercises Saturday morning Miss Millon presented the constitution of a new organization to be known as the Fairmount Debating Union. This constitution as adopted provides for the officers and machinery necessary to select Fairmount's representatives in joint debates with Winfield and other colleges. Its purpose is not to establish a new society but to provide a method for selecting proper debaters from Webster, Sorosis and the Philomathean literary societies.

The editors of the Sunflower are preparing the first edition. Miss Lilly Zellinger, as editor in chief, is assisted by Frank McClung, Jetta Laycock, C. C. Isely, Robert Lewis and Almida Cook.

Eugene Wallace has been elected business manager. He will be assisted by Edwin Burton and Wilford Pearce.

During the general exercises Saturday morning Miss Millon presented the constitution of a new organization to be known as the Fairmount Debating Union. This constitution as adopted provides for the officers and machinery necessary to select Fairmount's representatives in joint debates with Winfield and other colleges. Its purpose is not to establish a new society but to provide a method for selecting proper debaters from Webster, Sorosis and the Philomathean literary societies.

The editors of the Sunflower are preparing the first edition. Miss Lilly Zellinger, as editor in chief, is assisted by Frank McClung, Jetta Laycock, C. C. Isely, Robert Lewis and Almida Cook.

Eugene Wallace has been elected business manager. He will be assisted by Edwin Burton and Wilford Pearce.

During the general exercises Saturday morning Miss Millon presented the constitution of a new organization to be known as the Fairmount Debating Union. This constitution as adopted provides for the officers and machinery necessary to select Fairmount's representatives in joint debates with Winfield and other colleges. Its purpose is not to establish a new society but to provide a method for selecting proper debaters from Webster, Sorosis and the Philomathean literary societies.

The editors of the Sunflower are preparing the first edition. Miss Lilly Zellinger, as editor in chief, is assisted by Frank McClung, Jetta Laycock, C. C. Isely, Robert Lewis and Almida Cook.

Eugene Wallace has been elected business manager. He will be assisted by Edwin Burton and Wilford Pearce.

During the general exercises Saturday morning Miss Millon presented the constitution of a new organization to be known as the Fairmount Debating Union. This constitution as adopted provides for the officers and machinery necessary to select Fairmount's representatives in joint debates with Winfield and other colleges. Its purpose is not to establish a new society but to provide a method for selecting proper debaters from Webster, Sorosis and the Philomathean literary societies.

The editors of the Sunflower are preparing the first edition. Miss Lilly Zellinger, as editor in chief, is assisted by Frank McClung, Jetta Laycock, C. C. Isely, Robert Lewis and Almida Cook.

Eugene Wallace has been elected business manager. He will be assisted by Edwin Burton and Wilford Pearce.

During the general exercises Saturday morning Miss Millon presented the constitution of a new organization to be known as the Fairmount Debating Union. This constitution as adopted provides for the officers and machinery necessary to select Fairmount's representatives in joint debates with Winfield and other colleges. Its purpose is not to establish a new society but to provide a method for selecting proper debaters from Webster, Sorosis and the Philomathean literary societies.

The editors of the Sunflower are preparing the first edition. Miss Lilly Zellinger, as editor in chief, is assisted by Frank McClung, Jetta Laycock, C. C. Isely, Robert Lewis and Almida Cook.

ent Carl Grey, made a short call at the institute on Monday and watched the students write for a few minutes. He is getting along finely with his work.

The new No. 6 added to the typewriting department of the institute is No. 5472, which means that it is one of the very latest, and it has some improvements not found on any machine in the city.

Harry Kinsey has accepted a position in Mulvane and will go there the latter part of the week.

Miss Moore, one of the advanced class, is doing the work in the office of Stanley, Vermillion & Evans during the absence of Mr. Fred Little, who is taking a vacation in the mountains of Colorado.

Mr. Will Fleming goes to Omaha this week to enter a medical school. Mr. Fleming is a graduate of Fairmount college and has taken shorthand to enable him to take the lectures at the medical school. He will take a typewriter with him, and thus equipped we predict a good school record and a bright future. All the students of the institute, especially the young ladies, wish him well.

The following students have recently enrolled: Misses Lucy Thomas, Gertrude Trappel, Albert Muller, Julia Hutton, L. Peoples, Mabel Stoutemeyer and Miss Chandler; also Messrs. Karl Parks, Cecil Trickey, Frank Hayworth and Clifford Brewer, all of Wichita, and Miss Rose Stahl of Coffeyville.

Mr. Brewer graduated last year from the Peabody High school with the highest average grade ever made in the school.

AMERICAN CITIZENS ARE SAFE

No Need to Worry About Those in Cuba's Land.

Washington, Sept. 22.—No American citizens in the Transvaal republic stand in danger of imprisonment into the Boer army, in the opinion of the state department, and, notwithstanding many appeals have been received from private sources to protect our citizens from such imprisonment, it is not regarded as necessary to change in any manner the well established policy of the department in dealing with such subjects. It is possible for an American to lose his United States citizenship by long residence in the Transvaal by concentrating his entire business there, by failure to clearly establish his intention to return to the United States, and in other ways. In such a case the state department cannot demand their exemption and it is said there are a number of individuals in this status in the Transvaal. But all actual American citizens will be fully protected and all of their exemptions upheld by the United States government.

NO HELP FOR THE BONDHOLDERS

Spain, Won't Pay They Will Have to Stand The.

New York, Sept. 22.—A special to the Herald from Washington says: "Holders of Cuban bonds may as well make up their minds to pocket their losses. If they depend upon the United States to pay the obligations out of the Cuban revenues, Repudiation by Spain of these bonds will probably cause the bondholders to turn to this country for redress. It is stated authoritatively that the administration considers Spain alone responsible. As far as this country is concerned, the question of the Cuban bonds was settled at Paris by the American commissioners, who emphatically refused to admit the claim set up by Spain that Cuba was responsible for the debt incurred for the 'good administration' of that island."

TRAIN DITCHED BY INSURGENTS

Who are Then Put to Flight by the American Troops Aboard

Manila, Sept. 22.—A party of insurgents ditched a railroad train a mile and a half south of Angeles this morning and then opened fire upon the derailed cars from a bamboo thicket close to the track, killing two Americans and wounding five others. Lieutenant Lome and five of his scouts who were on the train, made a vigorous defense and caused the enemy to flee. Six dead rebels were afterwards found in the thicket from which the rebel fire came. General Wheaton with six companions proceeded from Calicut to the relief of the train, but his services were not needed.

Heaved the Dynamite Into the River

New York, Sept. 22.—Fire this morning destroyed the coal and kindling wood plant of Hancock & Wilkesboro, occupying the block from Ninety-third to Ninety-fourth streets on First avenue. The plant of the East River Lumber company, across the street on First avenue, was also badly damaged. The sparks flew over to Mill Rock and Little Island in the East river, blowing up the United States engineering corps for storing dynamite, and the buildings caught fire. The watchman succeeded in throwing the dynamite into the river. The total loss is \$250,000.

IT IS STELLAR TRIPLETS

North Star Is Like Sun, Earth and Moon.

SPECTROSCOPE REVEALS IT

Strange Things About Multiple Stars in General.

New York, Sept. 23.—The Journal says: One of the most interesting discoveries in astronomy is that the North Star is not one star, but three. This star, which is 250,000 miles away from the earth, has been one of the most familiar objects in the firmament since the beginning of creation, and yet its true nature was not even suspected until the other day. The North Star is one of the most brilliantly beautiful in color and is the star which children are first taught to distinguish.

The following students have recently enrolled: Misses Lucy Thomas, Gertrude Trappel, Albert Muller, Julia Hutton, L. Peoples, Mabel Stoutemeyer and Miss Chandler; also Messrs. Karl Parks, Cecil Trickey, Frank Hayworth and Clifford Brewer, all of Wichita, and Miss Rose Stahl of Coffeyville.

Mr. Brewer graduated last year from the Peabody High school with the highest average grade ever made in the school.

AMERICAN CITIZENS ARE SAFE

No Need to Worry About Those in Cuba's Land.

Washington, Sept. 22.—No American citizens in the Transvaal republic stand in danger of imprisonment into the Boer army, in the opinion of the state department, and, notwithstanding many appeals have been received from private sources to protect our citizens from such imprisonment, it is not regarded as necessary to change in any manner the well established policy of the department in dealing with such subjects. It is possible for an American to lose his United States citizenship by long residence in the Transvaal by concentrating his entire business there, by failure to clearly establish his intention to return to the United States, and in other ways. In such a case the state department cannot demand their exemption and it is said there are a number of individuals in this status in the Transvaal. But all actual American citizens will be fully protected and all of their exemptions upheld by the United States government.

NO HELP FOR THE BONDHOLDERS

Spain, Won't Pay They Will Have to Stand The.

New York, Sept. 22.—A special to the Herald from Washington says: "Holders of Cuban bonds may as well make up their minds to pocket their losses. If they depend upon the United States to pay the obligations out of the Cuban revenues, Repudiation by Spain of these bonds will probably cause the bondholders to turn to this country for redress. It is stated authoritatively that the administration considers Spain alone responsible. As far as this country is concerned, the question of the Cuban bonds was settled at Paris by the American commissioners, who emphatically refused to admit the claim set up by Spain that Cuba was responsible for the debt incurred for the 'good administration' of that island."

TRAIN DITCHED BY INSURGENTS

Who are Then Put to Flight by the American Troops Aboard

Manila, Sept. 22.—A party of insurgents ditched a railroad train a mile and a half south of Angeles this morning and then opened fire upon the derailed cars from a bamboo thicket close to the track, killing two Americans and wounding five others. Lieutenant Lome and five of his scouts who were on the train, made a vigorous defense and caused the enemy to flee. Six dead rebels were afterwards found in the thicket from which the rebel fire came. General Wheaton with six companions proceeded from Calicut to the relief of the train, but his services were not needed.

Heaved the Dynamite Into the River

New York, Sept. 22.—Fire this morning destroyed the coal and kindling wood plant of Hancock & Wilkesboro, occupying the block from Ninety-third to Ninety-fourth streets on First avenue. The plant of the East River Lumber company, across the street on First avenue, was also badly damaged. The sparks flew over to Mill Rock and Little Island in the East river, blowing up the United States engineering corps for storing dynamite, and the buildings caught fire. The watchman succeeded in throwing the dynamite into the river. The total loss is \$250,000.

IT IS STELLAR TRIPLETS

North Star Is Like Sun, Earth and Moon.

SPECTROSCOPE REVEALS IT

Strange Things About Multiple Stars in General.

New York, Sept. 23.—The Journal says: One of the most interesting discoveries in astronomy is that the North Star is not one star, but three. This star, which is 250,000 miles away from the earth, has been one of the most familiar objects in the firmament since the beginning of creation, and yet its true nature was not even suspected until the other day. The North Star is one of the most brilliantly beautiful in color and is the star which children are first taught to distinguish.

The following students have recently enrolled: Misses Lucy Thomas, Gertrude Trappel, Albert Muller, Julia Hutton, L. Peoples, Mabel Stoutemeyer and Miss Chandler; also Messrs. Karl Parks, Cecil Trickey, Frank Hayworth and Clifford Brewer, all of Wichita, and Miss Rose Stahl of Coffeyville.

Mr. Brewer graduated last year from the Peabody High school with the highest average grade ever made in the school.

AMERICAN CITIZENS ARE SAFE

No Need to Worry About Those in Cuba's Land.

Washington, Sept. 22.—No American citizens in the Transvaal republic stand in danger of imprisonment into the Boer army, in the opinion of the state department, and, notwithstanding many appeals have been received from private sources to protect our citizens from such imprisonment, it is not regarded as necessary to change in any manner the well established policy of the department in dealing with such subjects. It is possible for an American to lose his United States citizenship by long residence in the Transvaal by concentrating his entire business there, by failure to clearly establish his intention to return to the United States, and in other ways. In such a case the state department cannot demand their exemption and it is said there are a number of individuals in this status in the Transvaal. But all actual American citizens will be fully protected and all of their exemptions upheld by the United States government.

NO HELP FOR THE BONDHOLDERS

Spain, Won't Pay They Will Have to Stand The.

New York, Sept. 22.—A special to the Herald from Washington says: "Holders of Cuban bonds may as well make up their minds to pocket their losses. If they depend upon the United States to pay the obligations out of the Cuban revenues, Repudiation by Spain of these bonds will probably cause the bondholders to turn to this country for redress. It is stated authoritatively that the administration considers Spain alone responsible. As far as this country is concerned, the question of the Cuban bonds was settled at Paris by the American commissioners, who emphatically refused to admit the claim set up by Spain that Cuba was responsible for the debt incurred for the 'good administration' of that island."

TRAIN DITCHED BY INSURGENTS

Who are Then Put to Flight by the American Troops Aboard

Manila, Sept. 22.—A party of insurgents ditched a railroad train a mile and a half south of Angeles this morning and then opened fire upon the derailed cars from a bamboo thicket close to the track, killing two Americans and wounding five others. Lieutenant Lome and five of his scouts who were on the train, made a vigorous defense and caused the enemy to flee. Six dead rebels were afterwards found in the thicket from which the rebel fire came. General Wheaton with six companions proceeded from Calicut to the relief of the train, but his services were not needed.

Heaved the Dynamite Into the River

New York, Sept. 22.—Fire this morning destroyed the coal and kindling wood plant of Hancock & Wilkesboro, occupying the block from Ninety-third to Ninety-fourth streets on First avenue. The plant of the East River Lumber company, across the street on First avenue, was also badly damaged. The sparks flew over to Mill Rock and Little Island in the East river, blowing up the United States engineering corps for storing dynamite, and the buildings caught fire. The watchman succeeded in throwing the dynamite into the river. The total loss is \$250,000.

IT IS STELLAR TRIPLETS

North Star Is Like Sun, Earth and Moon.

SPECTROSCOPE REVEALS IT

Strange Things About Multiple Stars in General.

only are there many suns in the heavens, but they are of many colors. The North Star shines with a pure white light, and our sun is a dazzling yellow, but there are other suns which through the telescope appear, blue, green, purple and red. Sirius, Altair, Deneb and Vega are bluish-white; Aldebaran, Betelgeuse and Antares are exceedingly bright red; Arcturus is a duller red than the others; Rigel is blue and Capella is yellow.

The most brilliant effects in coloring are found among the double stars. These are stars which appear single to the naked eye, but on examination by the telescope are found to consist of two or more stars placed near together. When two so placed are of different colors the result is dazzling. In the constellation of the Southern Cross there is a group which appears like a piece of magnificent and stupendous jewelry. Among many white stars there are five green ones, one greenish blue and two beautiful red ones. A large white star in one of the northern constellations is accompanied by a red star of purple color. In another case a triple star consists of an orange red sun with two companions, a bright emerald green. One double star is formed by a large orange sun with a small blue companion.

The people who dwell on planets revolving around double suns of different color must witness daily what to us would be an extraordinary spectacle. They may have two sunsets a day, one green and the other purple. Two suns may mingle their rays, a blue sun and a red sun giving a purple light, or a blue sun and a yellow sun giving a green light.

The coloring is supposed to be due to the condition and composition of the atmosphere surrounding the stars. A red star has an atmosphere which stops all but the red rays of light. These colors change from time to time. Sirius which is now bluish-white, is well known to have been red many hundreds of years ago. These variations are still going on.

The photo-spectroscope has accomplished wonders in discovering the colors of stars and the existence of new ones invisible to the eye even with the telescope. A few years ago at the Harvard Observatory the first photo-spectroscope multiple star was discovered unexpectedly. The star Mizar, the middle star of the handle of the big dipper, has been called a "naked-eye" double because it has a visible companion, Alcor, close to it. But in 1859 discovered with the telescope that Mizar had a telescope double.

The apparent distance between Mizar and Alcor is nearly forty times the distance that separates components of Mizar. The telescope shows, too, that there are other stars between Mizar and Alcor. Two centuries after the telescope revealed stars in Mizar the spectroscopic showed that the brighter of the components was itself made up of two stars. In photographs taken at the Harvard Observatory in 1883 the Kline in the spectrum of Mizar appeared double. In other plates the line was single, in others it was hazy. A close scrutiny of all the plates showed that the line was double at intervals of fifty-two days. This proved to astronomers that the brighter component of Mizar was really two stars.

A spectroscopic takes cognizance of the motion of a star to a from the earth. When one star begins to approach and the other to recede from us, the lines in the spectrum of the approaching star will be displaced towards the violet end, while those of the receding star will be displaced toward the red end. The lines will at first appear hazy, but when the approach and the recession of the stars reach a maximum the lines will appear double. The calculated distance between the components of Mizar is about 12,000,000 miles, and the brilliancy of the star is estimated to be over a hundred times greater than that of our sun.

A number of other photo-spectroscopic multiple stars have been discovered recently. With the Lick telescope and spectroscopic, it has been found. This method of discovery came about from the use of the spectra to determine the velocity with which stars approached or receded from the earth.

More of Cramp's Men Go Out

Philadelphia, Sept. 22.—The strikers at Cramp's ship yards were joined today by the blacksmiths and their helpers, who have been at work at the dry dock. Several machinists and joiners who at first refused to join the nine-hour movement also deserted their posts. Although the blacksmiths who left the dry dock yesterday were only five in number, the defection included all employed at that particular point and resulted in a total suspension of work.

Great Britain's Gables Delays By

Alibabad, British India, Sept. 22.—The Pioneer today prints a dispatch saying negotiations have been concluded by Great Britain for taking possession of Delagata Bay November 1.

KILLS THEM QUICKLY

Dr. Nickerson Defends the

Dispatching of Incurables

DIVINE RIGHT OF SUICIDE

Is Another Proposition He Is

Willing to Stand By.

New York, Sept. 23.—The Journal says: Judge Simeon E. Baldwin, of the Yale Law School, and the Supreme Court of the State of Connecticut, recently declared in an address delivered at Saratoga, that a person has a right to end his life when he wishes, and that a physician is justified in hastening the death of a patient afflicted with an incurable disease.